



## Calcium 2

Water resistant grease for marine and industrial use

Product code: Z012

### Product Description:

Anhydrous calcium grease is designed for use in a wide range of applications, including agriculture, industrial, automotive and marine industries, where the presence of water or humidity can affect lubricating performance and be detrimental to the protection of parts from corrosion. The addition of extreme pressure (EP), anti-wear, anti-oxidation and corrosion inhibiting additives provide the performance level expected of a multi-purpose grease.

### Features

- Good water resistance: better performance under wet conditions
- Excellent load bearing and anti-wear properties: reduces lubrication costs and re-greasing intervals
- Excellent rust and corrosion protection: better protection of equipment and parts
- Low temperature performance: excellent lubricity and flow properties at low temperatures

### Method of application

Calcium 2 can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. As a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

### Storage

Products should always be stored in their original packaging and at temperatures between 0°C and 25°C, away from any moisture and direct sources of heat or sunlight. The recommended shelf life for grease is 2 years when stored under normal recommended conditions.



# TECHNICAL DATA SHEET

## Technical Data:

Technical data provided is typical of a production batch and as such, batch-to-batch variations may occur. Please note that method-specific repeatability and reproducibility tolerances are also applicable.

Properties	Unit	Method	Typical
Appearance	-	-	Smooth Grease
Colour	-	-	Brown
NLGI Grade	-	-	2
Thickener	-	-	Calcium
Base Oil	-	-	Mineral Oil
Base Oil Viscosity @ 40°C	cSt	ASTM D445	220
Worked Penetration	dmm	ASTM D217	265-295
Dropping Point	°C	ASTM D2265	>150
Oil Separation			
42 hours @ 40°C	%	IP 121	2.2
168 hours @ 40°C	%		4.5
Copper Corrosion	-	ASTM D4048	1b
24 hours @ 100°C			
Corrosion (EMCOR)	-	ASTM D6138	0,0
Distilled Water			
Corrosion	-	ASTM D1743	Pass
FFK Flow Pressure, - 30°C	hPa	DIN 51805-2	675
Operating Temperature	-	-	-30°C to +120°C